

AMENDMENTS TO THE DRAWINGS

A replacement sheet of drawing Figure 7 is submitted herewith as an attachment to this amendment document and, in the top margin, is labeled "Replacement Sheet."

REMARKS

Claims 1-12 are pending in the application.

Claims 1-12 stand rejected, but have been found to contain allowable subject matter. Claim 9 is objected to.

Claims 1, 3, 7 and 9 have been amended herein to clarify the claimed subject matter. No new matter is entered.

Information Disclosure Statement

Applicants have submitted an IDS including the non-patent reference Document 1 as listed at page 3, lines 1-6 of the specification.

Specification and Drawings

The specification and drawings are objected to because, in the specification, Fig. 7, label 704 is described as relating to the embodiment of Fig. 3, whereas the drawing Fig. 7, label 704 points to the embodiment of Fig. 1.

Applicants submit that the specification correctly identified Fig. 7, label 704 as relating to the embodiment of Fig. 3. Fig. 7 has been amended to correct the labeling and a replacement sheet Fig. 7 is included herewith. No new matter is entered.

In view of the foregoing, it is respectfully requested the objection to the specification and drawings be withdrawn.

Claim Objection

Claim 9 has been objected to for lacking a "period" at the end of the claim. Claim 9 has been appropriately corrected herein. It is respectfully requested the objection to claim 9 be withdrawn.

Claim Rejections

Claims 10 and 11 stand rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement. Applicants respectfully traverse the rejection for at least the following comments.

Applicants respectfully submit the claims are supported by at least Fig. 6 and page 22, line 36 to page 27, line 18 of applicants' originally filed specification. For example, Fig. 6 shows a functional block diagram of a receiver according to a third embodiment of the present invention.

From Fig. 6 and the description in the specification, it is respectfully submitted one skilled in the art is enabled to make and/or use the claimed invention; therefore, the rejection should be withdrawn.

Claims 1-12 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Applicants respectfully traverse the rejection for at least the following comments.

The amendment herein to clarify claims 1 and 7 provides antecedent basis to the "modified received signal" in claims 1 and 7 and also provides antecedent basis to claim 5 (line 7).

The amendment herein to clarify claims 3 and 9 provides antecedent basis to the "hard-decision result." In addition these claims have been clarified in order to show connection between the elements.

Applicants have addressed each of the items listed in the Office Action; therefore, it is respectfully requested the rejections be withdrawn and claim 1-12 allowed.

Conclusion

In view of at least the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Although no fee is believed due, any fee which may be due with this paper may be charged to Deposit Account No. 50-3894.

Respectfully submitted,

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